

ABSTRACT

Universities that located in west java where's majority civilian speaks with sundanese language. It should supported with capability of its student which is could speak sundanese. However in reality is different, there are a lot of student that's come from another territory e.g java, Batavia, minang etc, so there's some issue i.e miss understanding within conversation between student with civilian.

Desinging application translator Indonesia-sunda & sunda-indonesia could be a resolve for issue above. So the student could straightforward speak to civilian without having to worry about miss undetstanding. Of course with take the gadget that's contain this application. This translator application have 2 fitur i.e Indonesian-sundanese & sundanese-indonesian. Special fitur from this application is multi output i.e speech and text. Speech got from database which is got from sound recording. Whereas the translator processes is getting from database. Within this application simplicitate user to learn syllabic in sundanese and the intonation is precisely.

The result from this research is the accuration from its syllabic parsing is 92%. And the user requirement is 90%. From that's information it's can be concluded that its application is good enough and needed with the user. The satisfied of display application near 70% so the design is good enough. So with the entire correspondent can be concluded its application is useful and user friendly.

Keyword : Translator, Android Application, Text and Speech, Array